

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLN. OF: ABRAMS et al.

FILED: January 12, 2004

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GROUP: 1615

EXAMINER: SUSAN T. TRAN DOCKET: MICRODOSE 99.02 CON2

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In connection with the above-entitled matter, Applicants hereby proffer U.S. Patent Office Forms PTO-1449 and PTO-892. The present application is a continuation under 37 CFR 1.53(b) of application Serial No. 10/044,612, filed January 11, 2002, which in turn is a continuation of Serial No. 09/376,619, now issued U.S. Pat. No. 6,428,809, issued August 6, 2002 wherein the references referred to in the enclosed U.S. Patent Office Forms PTO-1449 and PTO-892 have been previously submitted or cited. Accordingly, it is respectfully submitted that no copies of these references are believed necessary. The claims in the present application are believed to be patentably distinguished over these references.

This information disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(A) relies on a materiality concept which depends on subjectivity.

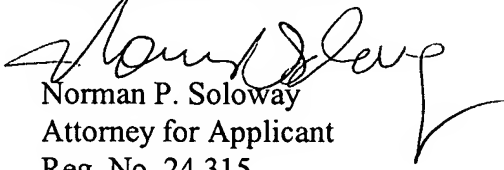
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In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account No. 08-1391.

Respectfully submitted,


Norman P. Soloway
Attorney for Applicant
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I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of person mailing: Shauna Bronson

Name of person mailing: 

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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

MICRODOSE 99.02 CIP

Application Number

Unknown

Applicant(s)

ABRAMS, et al.

Filing Date

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,960,609	10/05/1999	ABRAMS et al.			
		4,795,644	01/03/1989	ZENTNER			

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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

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Notice of References Cited	Application/Control No. 10/044,612	Applicant(s)/Patent Under Reexamination ABRAMS ET AL.	
	Examiner Susan Tran	Art Unit 1615	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
✓	A	US-4197289	04-1980	Sturzenegger et al.	424/21
✓	B	US-6319541	11-2001	Pletcher et al.	427/2.14
	C	US-			
	D	US-			
	E	US-			
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	H	US-			
	I	US-			
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	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

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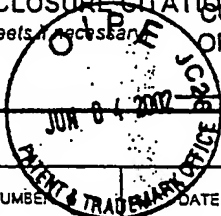
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MICRODOSE 2

SERIAL NO.
09/376,619

APPLICANT(S)
ABRAMS ET AL

FILING DATE
AUGUST 18, 1999

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1615



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S.T.	5,827,538	10/27/1998	CUSSLER ET AL	424	473	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

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09/376,619

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Abrams et al

FILING DATE

August 18, 1999

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(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S.T.	5 6 9 9 6 4 9	12/23/97	Abrams et al	53	420	
	5 4 5 4 2 7 1	10/3/95	Yamamoto et al	73	861.04	
	5 4 9 0 9 6 2	2/13/96	Cima et al	264	22	
	5 2 0 4 0 5 5	4/20/93	Sachs et al	419	2	
	5 2 1 4 3 8 6	5/25/93	Singer et al	324	452	
	5 1 0 2 0 4 5	4/7/92	Diana	239	3	
	5 0 0 5 5 1 5	4/9/91	Speer	118	657	
	3 9 4 3 4 3 7	3/9/76	Mourier	324	32	
	3 8 8 9 6 2 6	6/17/75	Smith	118	621	
	3 9 9 9 1 1 9	12/21/75	Bares	324	32	
S.T.	4 0 7 1 1 6 9	1/31/78	Dunn	222	76	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
S.T.	0 4 3 1 9 2 4	1/31/96	EPO EP	B29C	67/24	x	
S.T.	9 8 0 0 3 3 7	1/8/98	EPO WO	B65B	1/30	x	
S.T.	4 2 7 7 1 2 6	Oct '92	Japan	195	690.01	x	

OTHER DOCUMENTS (Including Author, Title, Date*, Relevant Pages, Place of Publication***)

S.T.	Science News, Vol. 151, page 205, "Ink jets not just for the printed page". (April 5, 1997).

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Alzems et al

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S.T.	4 2 0 4 7 6 6	5/27/80	Harada	356	404	
	4 3 9 9 6 9 9	8/23/83	Fuishiro	73	304	
	4 5 9 4 9 0 1	6/17/86	Norman	73	661.04	
	4 8 7 8 4 5 4	11/7/89	Cann	118	663	
	4 0 2 1 5 8 7	5/3/77	Baiker	427	18	
	4 2 5 2 4 3 4	2/24/81	Nakamura et al	355	15	
	4 1 7 0 2 8 7	10/9/79	Edwards et al	198	657	
	4 5 5 5 1 7 4	11/26/88	Kramer	355	3 DD	
	4 8 4 8 2 6 7	7/18/89	Slayton et al	118	653	
	3 2 4 1 6 2 5	3/22/66	V.J. Sootian	177	120	
S.T.	3 4 3 7 0 7 4	4/8/69	J.J. Hagopain et al	118	623	

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DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO

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Abrams et al

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August 18, 1999

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PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S.T.	5 6 6 9 9 7 3	9/23/97	Pletcher	118	624	
	5 7 1 4 0 0 7	2/3/98	Pletcher et al	118	629	
	3 9 7 7 3 2 3	8/31/76	Pressman et al	101	426	
	4 3 7 9 9 6 9	4/12/83	Cobb et al	250	324	
	4 6 2 6 8 7 6	12/2/86	Miyagawa et al	346	160	
	4 5 1 4 7 8 1	4/30/85	Plasschaert et al	361	230	
	4 7 3 4 7 2 2	3/29/88	Maczuszenko et al	346	159	
	4 8 7 5 0 6 0	10/17/89	Masuda et al	346	155	
	4 2 5 5 7 7 7	3/10/81	Kelly	361	228	
	5 6 5 5 5 2 3	8/12/97	Hodson et al	128	315	
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APPLICANT

Abrams, et al

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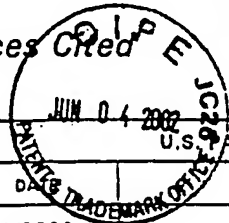
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Notice of References Cited



Application No. 09/376,619	Applicant(s) Abrams et al.	
Examiner Susan Tran	Group Art Unit 1615	Page 1 of 1

U.S. PATENT DOCUMENTS					
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	6,009,690 ✓	1/2000	Rosenberg et al.	53	454
B	6,013,280 ✓	1/2000	Frisbee et al.	424	464
C					
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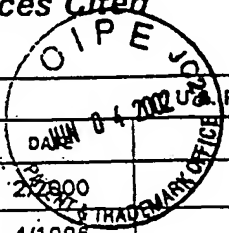
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Application No. 09/376,619	Applicant(s) Abrams et al.		
Examiner Susan Tran	Group Art Unit 1615	Page 1 of 1	



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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	6,027,748 ✓	2/28/00	Conte et al.	424	458
B	5,508,040 ✓	4/1996	Chen	424	451
C	5,074,426 ✓	12/1991	Goodhart et al.	220	4.24
D	5,009,894 ✓	4/1991	Hsiao	424	451
E	4,339,428 ✓	7/1982	Tencza	424	21
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	Examiner Susan Tran		Art Unit 1615	Page 1 of 1

U.S. PATENT DOCUMENTS

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X	A	US-4795644	01-1989	Zentner	424/468
X	B	US-5960609	10-1999	Abrams et al.	53/428
	C	US-			
	D	US-			
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